

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12563-2 (1988): Data sheet for pneumatic tools test report, Part 2: Percussive tool (with or without rotation) [PGD 8: Pneumatic Tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

(Reaffirmed 1998)

DATA SHEET FOR PNEUMATIC TOOLS
TEST REPORT

PART 2 PERCUSSIVE TOOL (WITH OR WITHOUT ROTATION)

1. Scope — Covers the data sheet for percussive tools (with or without rotation) test report.

2. Data Sheet

2.1 Subject

Manufacturer_____

Type of machine_____ Model_____

Serial No._____

2.2 Operating Conditions

Effective air pressure in inlet : _____ bar

Compressed air temperature_____ °C

Length of hose : _____ m Lubricant_____

2.3 Test Conditions

Atmospheric pressure_____ bar Ambient temperature_____ °C

Humidity_____ %

2.4 Instrumentation (Special attention shall be paid to description of energy-absorbing means)

2.5 Test Results

2.5.1 Air consumption measured_____ l/s Corrected_____ l/s

2.5.2 Result

Information according to manufacturer's
technical specification
concerning air consumption

Blow rate (Hz)					
Impact energy per blow (J) (mean value)					
Rate of rotation at no-load (min ⁻¹) or minimum torque					

2.6 Test Remarks

2.6.1 Length of measuring rod _____ mm

2.6.2 Diameter of measuring rod _____ mm

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2.6.3 Length of striking piston _____ mm

2.6.4 Load applied to machine tested _____ N

2.6.5 Information about drop test _____

2.6.6 Sketch showing measuring rod with positions of strain gauges

2.6.7 Further test remarks _____

Reported by : _____ Date : _____

Approved by : _____ Date : _____

EXPLANATORY NOTE

From the user's point of view, it has been felt, that a data sheet giving the test results of the pneumatic tools, if supplied by the manufacturer, will really be of great use in deciding its acceptance. Therefore, the committee decided to formulate this standard based upon the data sheet provided in ISO 2787-1984 'Rotary and percussive pneumatic tools — Performance tests', issued by the International Organization for Standardization (ISO).